

ASME FLANGED ISO 45 AVIATION GROUND UNIT

- ◆ **COMPACT AND LIGHTWEIGHT**
- ◆ **ROBUST ALUMINIUM CONSTRUCTION**
- ◆ **HARD WEARING STAINLESS STEEL ISO45 ADAPTOR**
- ◆ **PIPEWORK CONNECTION 3 INCH ASME (ANSI) 150 FLANGED**
- ◆ **SUITABLE FOR DEPOT OR VEHICLE USE**
- ◆ **OPTIONAL AUTOMATIC PRESSURE EQUALISING VALVE**
- ◆ **OPTIONAL ALL STAINLESS STEEL CONSTRUCTION**



Introduction

Male tank units in accordance with the ISO45 standard are commonly used in aviation fuel depots for fuel recirculation points and flow test rig connection points in order to interface with ISO45 into-plane refuelling couplings. They are also commonly fitted to the tank loading points on aviation refuelling tankers.

Description

The Aljac Aviation Ground Unit has been manufactured with quality and value in mind for use in ground based aviation refuelling systems. The light weight Aluminium body has an anodised finish for long life and wear resistance, and in order to minimise wear and impact damage during connection and disconnection the non-selective ISO45 three point lugged adaptor is manufactured from Stainless Steel. Viton® seals are fitted as standard. The unit has a 3 inch ASME (ANSI) 150 flat face flange for connection to the adjoining system pipework, and alternative flanges are available on request.

The maximum working pressure is 10 bar and the

unit is pressure tested to 15 bar. The standard unit is suitable for use where the locked in system pressure behind the closed Poppet does not exceed 5.5 bar, but we also offer the option of an automatic pressure equalising valve in the Poppet which allows the unit to be connected where the pipework has a higher locked in pressure. *The Aviation Ground Unit is equivalent to the Meggitt (Avery-Hardoll) FCMY107M5L and Meggitt (Whittaker) F417.*

An Aluminium Sealing Cap is available which to prevent the ingress of dirt or water. The Sealing Cap also fits other manufacturer's units which meet the ISO45 standard. *The Sealing Cap is fully interchangeable with the Meggitt (Avery-Hardoll) FCMY122M2.*

How to order

Simply quote the following part numbers:
42FCMY107M5L. Ground Unit, Aluminium, ISO45, non-selective with 3 inch ASME (ANSI) 150 flat faced flange.
42FCMY122M2. Ground unit cap, Aluminium, ISO45.